

CO₂ cylinders filling stations

A RELIABLE AND MODULAR SYSTEM
FOR FILLING CO₂ CYLINDERS AND EXTINGUISHERS
FROM CRYOGENIC TANK



Description

The stations FCD series allow to fill cylinders and extinguishers with liquid CO₂ pumped from a cryogenic tank.

The filling process can be carried out under manual or automatic control, according to the FCD manifold, selected.

A wide range of possible configurations optimize the filling operations and adapt the filling station to customer productivity, from small to large requirements.

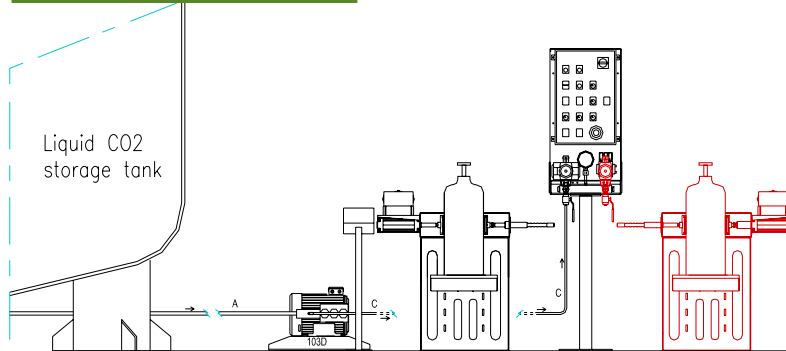
The FCD series allows a single operator to fill the cylinders on one or two scales, also while filling bundles on a dedicate scale at the same time. When using FCD model with automatic control, by setting the quantity of product to be filled, operations will automatically stop once the selected net weight has been achieved.

Components and devices

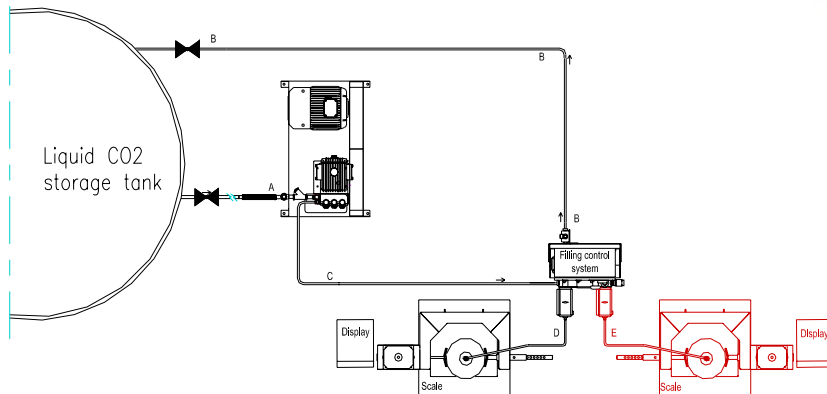
1. Piston pump, 103 or HPH series
2. Filling unit, model FCD22 (manual control) or model FCD222 (automatic control)
3. Electric control panel, QE series for pump and filling station control
4. Filling control scales, BE series with digital display
5. Pneumatic locking vices, AIR4/BIL series, specifically designed to be installed on the scale to hold the cylinder during filling operations
6. Installation footboard, SSWS series, to avoid civil works for the weighing scales installation

CO₂ cylinders filling station

Front view of an installed complete station



Complete CO₂ station filling



Complete lay-out

Recommended configuration

- > Pump model 103DT: two flow rates to adapt flow rate to the cylinder or extinguisher capacity
- > Automatic FCD222 unit: to perform the filling operation on two scales with automatic stop once the right weight has been reached
- > n.2 scales BE150/50 FP600 model
- > n.2 pneumatic vices AIR4/BIL to be installed on BE150 scales
- > n.2 walkable galvanised grid footboard

> PER MAGGIORI INFORMAZIONI:
> FOR FURTHER INFORMATION CONTACT:
> POUR INFORMATIONS CONTACTER:

VANZETTI EQUIPMENT S.r.l.
Via Avv. Giovanni Agnelli, 10 12033 MORETTA (CN) ITALY
Tel. +39 0172 915806
Fax +39 0172 915822

info@vanzettiequipment.com
www.vanzettiequipment.com



BULLETIN N° VE/FCD-R1.12-E